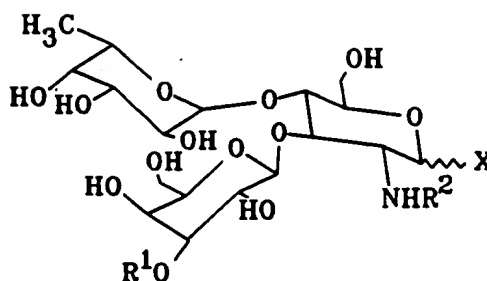


I

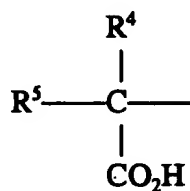


II

in which:

X is a carbohydrate:

R¹ is selected from the group consisting of a sialic acid and a group having the formula III



III

in which:

R⁴ and R⁵ taken individually are the same or different and are selected from the group consisting of H, C₁-C₈ alkyl, hydroxy-(C₁-C₈ alkyl), aryl-(C₁-C₈ alkyl), and (C₁-C₈ alkoxy)-(C₁-C₈ alkyl), substituted or unsubstituted, or